

IN THE CLAIMS:

On amended page 11, line 1, please change "New patent claims" to
--WHAT IS CLAIMED IS:--.

Please amend claims 1-13 as follows.

5 1. **(Amended)** [Method] A method for sending a radio paging
broadcast [(PB)] to radiotelephone subscriber stations [(MS)] of mobile
radiotelephone subscribers of a cellularly constructed mobile
radiotelephone network, comprising the steps of: [(PLMN), in which the
location]
10 managing locations of the radiotelephone subscriber stations
[(MS) is managed] by [means of] location areas that consist respectively
of at least one radio cell [(C1...)] and that are identifiable [can be
identified] by [means of] a location area identifier; [(LAI), and in which the]
15 calling radiotelephone subscriber stations [(MS)] in a location area
[are respectively called] by [means of the] transmission of [the] a radio
paging broadcast [(PB),]; [characterized in that]
sending, in [the] a transmission of messages [(LU, PR)]
respectively sent by a respective [the] radiotelephone subscriber station
[(MS)], a cell identifier [(e.g. C12)] that identifies [the] a current radio cell
20 [(e.g. C2)] in which the respective radiotelephone subscriber station [(MS)]
is currently located [is concurrently], the cell identifier being sent in
addition to the location area identifier; [(LAI), and is stored]
storing the call identifier in a subscriber database [(NVLR, VLR)]
of the mobile radiotelephone network [(PLMN),]; and
25 [and in that] entering the cell identifier [(e.g. C12) is entered] in a
list of cell identifiers [(C12, C1x...C1y), on the basis of which] and sending
the paging broadcast based on the list of cell identifiers [(PB) is sent].

Sub
CL
A3
Cm

2. (Amended) [Method] The method according to claim 1, wherein [characterized in that] the radio paging broadcast [(PB)] is transmitted to a [the] last-used radio cell [(e.g. C2)] determined by the stored cell identifier [(CI2)].

5 3. (Amended) [Method] The method according to claim 1, wherein [characterized in that] the radio paging broadcast [(PB)] is transmitted to several last-used radio cells [(e.g. C2...Cy)] that are determined by the stored cell identifiers [(e.g. CI2...Cly)].

10 4. (Amended) [Method] The method according to claim 1, wherein [characterized in that] the radio paging broadcast [(PB)] is transmitted to [the] a last-used radio cell [(e.g. C2)], and, in addition, to [the] radio cells [(e.g. Cx)] adjacent thereto that are determined by the stored cell identifiers [(e.g. CI2, CIx)].

15 5. (Amended) [Method] The method according to claim 1, wherein [one of the preceding claims, characterized in that in order] to increase a [the] certainty of a hit during [the] calling of the respective radiotelephone subscriber station [(MS)], [the] a time [(e.g. TCI2)] of [the] transmission of the cell identifier [(e.g. CI2)] is stored in the subscriber database [(NVLR, VLR)], together with the cell identifier [(CI2)].

20 6. (Amended) [Method] The method according to claim 1, wherein [one of the preceding claims, characterized in that] if a paging response message [(PR)] that can be sent back by a radiotelephone subscriber station [(MS)] fails to appear, the radio paging broadcast [(PB)] is

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transmitted to all radio cells [(C2...)] of [the] a location area.

7. (Amended) [Method] The method according to claim 1, wherein [one of the preceding claims, characterized in that] the cell identifier [(e.g. CI2)] and [the] a time [(e.g. TCI2)] of [the] transmission of the cell identifier [(e.g. CI2)] are stored in a decentral subscriber database [(NVLR, VLR)] that is responsible for the radiotelephone subscriber stations [(MS)] located in an allocated location area.

8. (Amended) [Method] The method according to claim 1, wherein [one of the preceding claims, characterized in that] the cell identifier [(e.g. CI2)] and [the] a time [(e.g. TCI2)] of [the] transmission of the cell identifier [(e.g. CI2)] are stored in the subscriber database [(NVLR, VLR)], together with a subscriber identifier [(IMSI, IMSI')] that identifies the mobile radiotelephone subscriber.

9. (Amended) [Method] The method according to claim 1, wherein [one of the preceding claims, characterized in that] the cell identifier [(e.g. C2)] is respectively concurrently sent in data packets that are transmitted in the mobile radiotelephone network according to a data packet service.

10. (Amended) [System] A system for transmitting a radio paging broadcast [(PB)] to radiotelephone subscriber stations [(MS)] of mobile radiotelephone subscribers in location areas of a cellularly constructed mobile radiotelephone network [(PLMN)], whereby the location areas respectively manage locations of the radiotelephone subscriber stations [(MS)], and respectively consist of at least one radio cell [(C1...)], and [can

be identified] are identifiable by [means of] a location area identifier [(LAI)], comprising: [characterized in that]

the radiotelephone subscriber stations [(MS) are provided with] having means for transmitting messages [(LU, PR)] that respectively contain, in addition to the location area identifier [(LAI)], a cell identifier [(e.g. CI2)] that identifies [the] a current radio cell [(e.g. C2)] in which [the] a respective radiotelephone subscriber station [(MS)] is currently located; and[,]

[and in that] the mobile radiotelephone network having at least one [(PLMN) comprises one or several] subscriber database [databases (NVLR, VLR)] in which [the] additionally transmitted cell identifier [(e.g. CI2)] is entered in a list of cell identifiers [(CI2, CIx...CIy)], [on the basis of which] the radio paging broadcast [(PB) is sent] being sent based on the list of cell identifiers.

11. **(Amended)** [System] The system according to claim 10, wherein [characterized in that] the mobile radiotelephone network [(PLMN) is provided with] has means for transmitting the radio paging broadcast [(PB)] to [the] a last-used radio cell [(e.g. C2)] that is determined by [means of] the entered cell identifier [(CI2)].

12. **(Amended)** [System] The system according to claim 10, wherein [characterized in that] the mobile radiotelephone network [(PLMN)] is provided with means for transmitting the radio paging broadcast [(PB)] to several last-used radio cells [(e.g. C2...Cy)] determined by the entered cell identifiers [(e.g. CI2...CIy)].